

Proposed Implementation Strategy

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PIER Energy System Integration Discussion Panel

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Key Criteria for PIER ESI Transmission Activities:

- ◆ Highest public interest transmission issues determines research
- ◆ Support of state transmission policy objectives
- ◆ Accommodates strategic relationships

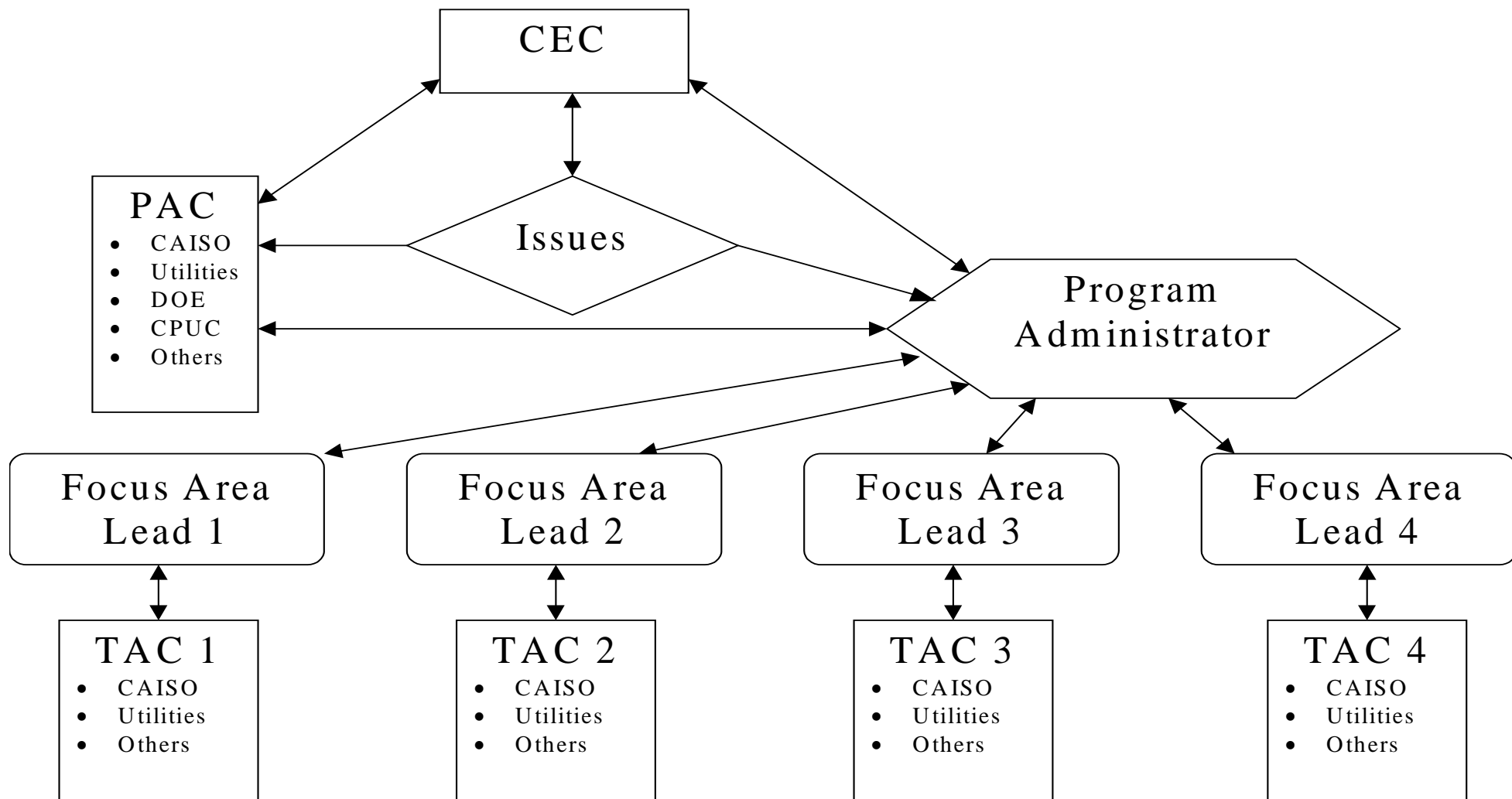
Additional considerations:

- ◆ Collaboration
- ◆ A transparent process
- ◆ Expert technical review built into process
- ◆ Incorporate existing portfolio of successful projects
- ◆ Sustainable and can handle multiple individual projects

Additional considerations (cont.)

- ◆ Structure allows flexibility
- ◆ Allows independent evaluation
- ◆ Path to market is clear
- ◆ Team approach to research is desirable and can be accommodated
- ◆ Builds intellectual and technical capital in the public domain

Implementation Proposal



- ◆ Select Program Administrator
- ◆ Manage Funding
- ◆ Provide California Issues
- ◆ Select PAC
- ◆ Approve Project Selection Criteria
- ◆ Approve Focus Area Leads
- ◆ Approve Research Projects

Policy Advisory Committee (PAC)

PAC's Objective

The primary objective of the PAC is to provide guidance to PIER ESI that will make its transmission program a success. Success here is defined as a focused, cohesive, effective program that is aligned with the PIER Program's goals and ultimately provides benefits to California electricity ratepayers.

Role of PAC

- ◆ Strategic guidance and critical review of research priorities
- ◆ Input on California transmission issues
- ◆ Evaluate tangible benefits to California and provide recommendations to enhance those benefits
- ◆ Identify opportunities to leverage funding from other sources
- ◆ Provide recommendations regarding information dissemination, market pathway, and/or commercialization strategies relevant to the research products

- ◆ Issue solicitations
- ◆ Execute contracts
- ◆ Manage up to 4 focus areas
- ◆ Select focus area leads
- ◆ Conduct independent review

Focus Area Leads

- ◆ Manage research portfolio
- ◆ Manage TAC
- ◆ Assure path to market
- ◆ Facilitate collaboration between research implementers
- ◆ Issue solicitations and execute contracts if required
- ◆ Conduct Critical Project Review (CPR)
- ◆ Report problems that may affect a project's technical or financial viability to Program Administrator for resolution

- ◆ Review and provide comments for project deliverables
- ◆ Comment and provide guidance on scope of research, methodologies, timing, coordination with other research, results evaluation, etc.
- ◆ Evaluate tangible benefits to California and provide recommendations, as needed to enhance tangible benefits.

Discussion Questions

- ◆ Will this structure best meet the key criteria and considerations we have established?
- ◆ Are the roles and responsibilities of the CEC, PAC, Program Administrator, Focus Area Lead and TAC clear?
- ◆ What critical skills and knowledge should the Program Administrator have?
- ◆ What critical skills and knowledge should the Focus Area Leads have?